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388 East Boynton Road • Kaysville, Utah 84037 • (801) 544-3641

18 September 1991

William J. Malencik Reclamation Specialist Utah Department of Oil, Gas & Mining CEU Box 169 451 East 400 North Price, Utah 84501



SEP 2 0 1991

Mr. Malencik,

DIVISION OF OIL GAS & MINING

Re: <u>Enlarged Shop Pad. Bear Canyon Mine, Co-Op Mining Company,</u> <u>ACT/015/025, Emery County, Utah</u>

Enclosed are copies of the correspondence dealing with the proposed modifications to the mine plan submitted 24 June 1991. It should be noted that this submittal was made one week prior to issuance of NOV #N91-26-7-2.

The modification to the plates showing the enlarged shop pad have been incorporated in plates submitted to the Division since 24 June 1991. Final contouring of the outslope as indicated on the plates and seeding with the interim revegetation procedures defined in Appendix 3-G remain to be completed. Please notify me if there are any questions.

Thank you,

Kimly C. Mangum, P.E.

Permitting & Compliance Consultant.

cc: P. Grubaugh-Littig
Co-Op Mining Co.



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Pamela Grubaugh-Littig
Permit Supervisor
Utah Division of Oil Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

24 June 1991

Pam,

Ref: <u>Proposed Diversion Ditch (D-7D) Modification, Co-Op Mining Company</u>, Bear Canyon Mine, ACT/015/025, Emery County, Utah

During a recent on-site visit it was observed that during the enlargement of Sediment Pond A, the flow path of diversion ditch D-7D was altered. Attached is a copy of a partial plan of Plate 7-1C, showing the changes made during placement of the removed fill material. The Ditch has been rip-rapped using existing calculations and profile Plate 7-1C. All of the changes were made within the Disturbed Area Boundaries.

Because of this change it was decided to remove the strip between the shop pad and the D-5D Sed pond drainage road from the areas defined on Plate 8-5 as "non-reclamation areas within the disturbed boundary". This area covers 0.17 acres. Accordingly pages 3-39 and 8-21 have been modified and are attached for your review. Because of the excess built into the bonding calculations no additional plan changes were required. Upon approval the effected plates will be modified and four copies submitted to the Division. Plates 2-4b, 2-4C, 7-1B, 7-1C, 8-5B and 8-5C will be updated as indicated.

Thank you,

Kimly C. Mangum, P.E.

Permitting & Compliance Consultant.

CC. Co-op Mining Co.

3.5.1.1 Projected Impacts of Mining on Current and Future Land Use

The acreage disturbed for each activity described above are as follows:

Ball Park Topsoil Pile	1.28
Lower Haul Road	1.60
Sed Pond B & Scale House	2.55
Sed Pond A	0.61
Main Pad Area	9.51
Lower Portal Access Road	1.23
Portal Access Road	2.86
Upper Storage Pad	0.61
TOTAL	20.25

The management objectives and the impacts from the Bear Canyon Mine pertaining to these objectives are described in detail in Chapter 4.

<u>Impacts</u>. The reduction in desirable plant species caused by the disturbance will temporarily reduce forage production and wildlife capacities. The short-term negative impact of vegetation removal would be outweighed by the positive impacts of revegetation and improved fire protection and prevention.

Wildlife in the area will adapt to the operation in a relative short time as witnessed by existing coal operations. Proposed construction may temporarily disrupt wildlife if human disturbance There are two existing topsoil storage areas on site that are shown on Plates 2-4, and two potential topsoil borrow areas shown on Plates 8-5. Each of these sites are discussed in the following sections and summarized in Section 8.7.5.

Table 8.7-1 Disturbed Area Summary

<u>Definition</u>		Acres
Pre-1977 Distu	a Boundary *,** urbance ** w/in Disturbed Area Boundary	22.4 27.3 18.3
Reclamation Ar	reas *	
<u>Mark</u>		
TS-1 TS-2 TS-3	Ball Park Topsoil Pile Lower Haul Road Sed Pond B & Scale House	1.28
TS-4 TS-5 TS-6 TS-7 TS-8	(includes topsoil pile 0.30 ac) Sed Pond A Main Pad Area Lower Portal Access Road Portal Access Road Upper Storage Pad	2.55 0.61 9.51 1.23 2.86 0.61
	TOTAL	20.25

Note: A total of 18.7 acres (subtracting the area of the Ball Park and Main topsoil piles) will require plant growth material.

^{*} See Plates 8-5.

^{**} See Plates 2-4

